

ELECTROMAGNETIC SHEET METAL BENDING MACHINES



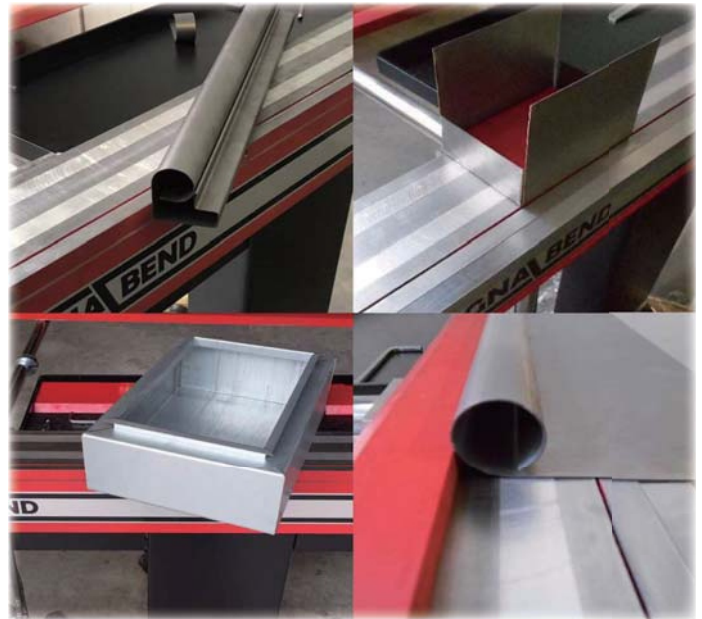
1250E

Model: 650E 1000E 1250E 2000E 2500E 3200E

The **JDC BEND** sheetmetal bending machine is a highly versatile and easy to use machine for bending all types of sheetmetal such as aluminium, copper, steel, and stainless steel.

The **electromagnetic clamping system** provides more freedom to form the workpiece into complex shapes. It is easy to form very deep narrow channels, closed sections, and deep boxes that are difficult or impossible on a conventional machine.

The **unique hinging system** used for the bending beam provides a completely open-ended machine thus greatly extending its versatility. The single column stand design also contributes to the versatility of the machine by providing a "free-arm" effect at the ends of the machine.



Fundamentally the use of magnetic clamping means that bending loads are taken right at the point where they are generated; forces do not have to be transferred to support structures at the ends of the machine. This in turn means that the clamping member does not need any structural bulk and hence can be made much more compact and less hindering. (The thickness of the clampbar is determined only by its requirement to carry sufficient magnetic flux and not by structural considerations at all).

Special centerless compound hinges have been developed especially for the Jdc bend , and are distributed along the length of the bending beam and thus, like the clampbar, take bending loads close to where they are generated.

The combined effect of the magnetic clamping with the special centerless hinges means that the Mag-nabend is a very compact, space saving, machine th a very high strength-to-weight ratio.



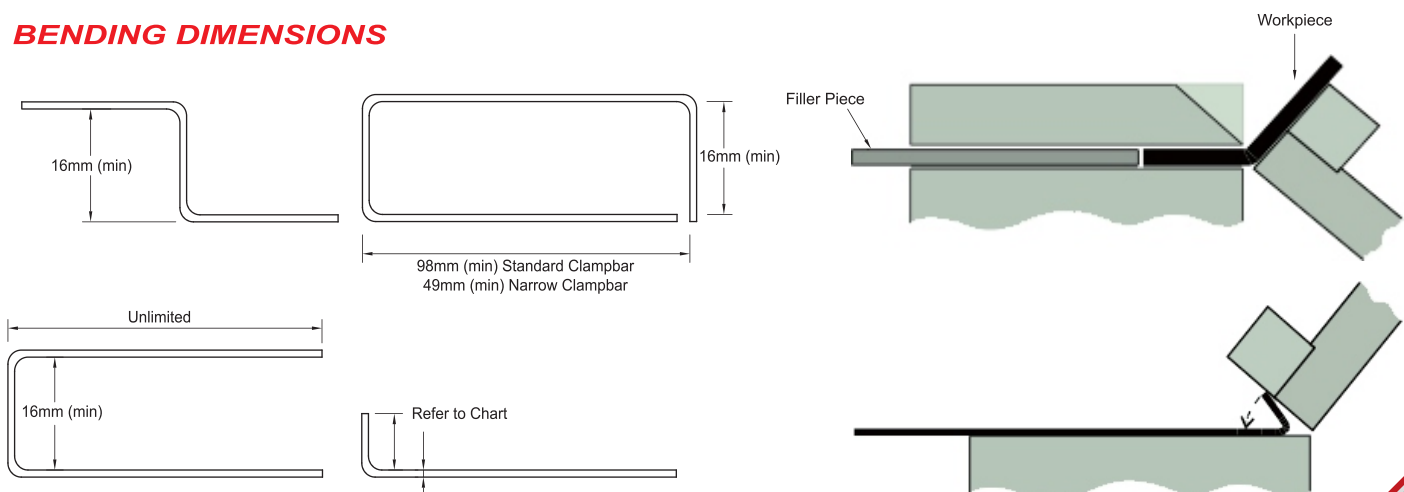
1250E PNEUMATIC

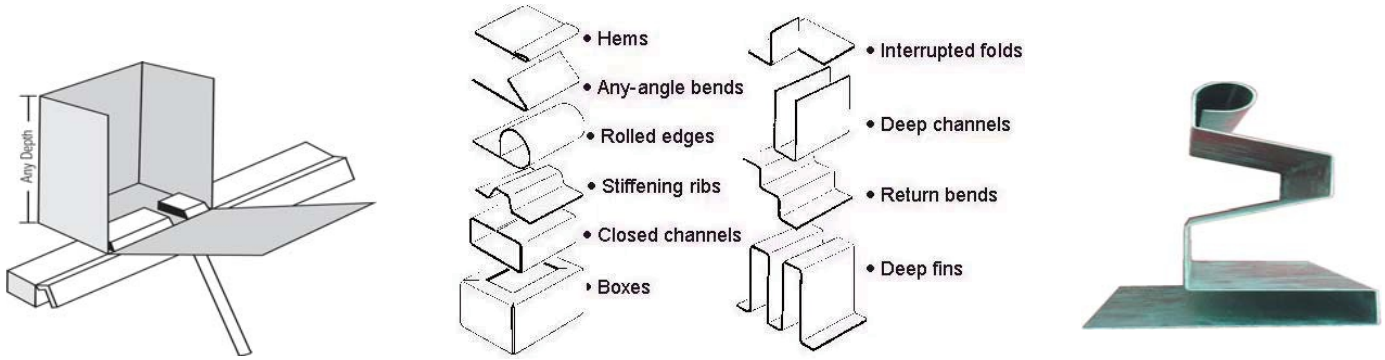


PRODUCT DETAILS



BENDING DIMENSIONS





| Model | 650E | 1000 E | 1250 E | 2000E | 2500E | 3200E |
|------------------------------|--------------------------|------------------------|--------------------------|------------------------|------------------------|------------------------|
| Length | 625mm | 1000mm | 1250mm | 2000mm | 2500mm | 3200mm |
| Capacity Thickness Steel | 1.6mm | 1.6mm | 1.6mm | 1.6mm | 1.6mm | 1.2mm |
| Aluminum | 1.6mm | 1.6mm | 1.6mm | 1.6mm | 1.6mm | 1.2mm |
| Copper, Zinc | 1.6mm | 1.6mm | 1.6mm | 1.6mm | 1.6mm | 1.2mm |
| Stainless Steel | 1.0mm | 1.0mm | 1.0mm | 1.0mm | 1.0mm | 0.8mm |
| Technical Specifications | | | | | | |
| Box depth | Unlimited | Unlimited | Unlimited | Unlimited | Unlimited | Unlimited |
| Bend Angle(Manual) | 1-180° | 1-180° | 1-180° | 1-180° | 1-180° | 1-180° |
| Bend Angle(Pneumatic) | 1-135° | 1-135° | 1-135° | 1-135° | 1-135° | 1-135° |
| Duty Cycle | 30% | 30% | 30% | 30% | 30% | 30% |
| Bending Edge Length (mm) | 670 | 1050 | 1300 | 2090 | 2590 | 3290 |
| Distance Between Filters(mm) | 630 | 1010 | 1260 | 2028 | 2528 | 3228 |
| back gauge (mm) | 390 | 640 | 640 | 640 | 640 | 640 |
| Protection | Thermal Cutout 70°C | Thermal Cutout 70°C | Thermal Cutout 70°C | Thermal Cutout 70°C | Thermal Cutout 70°C | Thermal Cutout 70°C |
| Clamping Force | 3 Ton | 4.5 Ton | 6 Ton | 9 Ton | 12 Ton | 10 Ton |
| Power Supply | 1 phase 220/240 Vac 10 A | | 1 phase 220/240 Vac 20 A | | | |
| Accessories | | | | | | |
| Packing Size (mm) | 900*900*1100 | 1200*900*1100 | 1420*900*1100 | 2200*900*1100 | 2700*900*1100 | 3400*900*1100 |
| Net Weight (kg) | 100 | 160 | 210 | 360 | 420 | 460 |
| Gross Weight (kg) | 115 | 175 | 230 | 400 | 450 | 500 |
| Foot Switch | Included | Included | Included | Included | Included | Included |
| Short Clamp Bar Set | Included | Included | Included | Included | Included | Included |
| Narrow Clamp Bar | Included | Included | Included | Included | Included | Included |
| Slotted Clamp Bar | Included | Included | Included | Included | Included | Included |

Narrow & Slotted Clamp Bar

Short Clamp Bar Set

Foot Switch



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